



Department of Toxic Substances Control



Maureen F. Gorsen, Director 5796 Corporate Avenue Cypress, California 90630

April 25, 2006

Ms. Justine Dishart Directorate of Public Works National Training Center, Fort Irwin P.O. Box -105097 Attn: AFZJ-PW-EV Fort Irwin, California 92310-5097

FINAL REMOVAL ACTION REPORT FOR FTIR-38 GOLDSTONE LAKE MORTAR SMALL ARMS RANGE AND FTIR-40 MOJAVE ANTI-AIRCRAFT RANGE, NATIONAL. TRAINING CENTER, FORT IRWIN, CALIFORNIA

Dear Ms. Dishart:

The Department of Toxic Substances Control (DTSC) has received and reviewed the "Final Removal Action Report for FTIR-38 Goldstone Lake Mortar Small Arms Range and FTIR-40 Mojave Anti-Aircraft Range (Report)", dated April 3, 2006, and prepared by MKM Engineers, Inc., for the National Training Center, Fort Irwin. The site investigation was conducted in accordance with the investigation guidelines established by DTSC, the Lahontan Region-Regional Water Quality Control Board (RWQCB), and the Department of Fish and Game (DFG). This Report documents the removal activities that were conducted at sites FTIR-38 and FTIR-40 of the National Training Center, Fort lrwin.

FTIR-38 is located in the east-central portion of the Goldstone Dry Lake Playa. A total of thirty-three hotspots were excavated at FTIR-38. Approximately, 100 cubic yards of non-hazardous waste soil was transported for disposal to US Ecology in Beatty, Nevada. The soil was excavated from areas that had elevated concentrations of lead and aluminum. Approximately, one and one-half 55-gallon drums of lead, steel, and copper bullets were collected and transported to Timberline Environmental services in Cold Springs, California along with 100 pounds of scrap metal for recycling. The removal action is complete at FTIR-38 and chemicals of potential concerns (COPCs) are below the site specific cleanup levels (SSCLs).

Ms. Justine Dishart April 25, 2006 Page 2

FTIR-40 is located on the eastern edge of low hills on the western edge of the Goldstone Dry Lake alluvial basin. Approximately, 347 cubic yards of hazardous waste soil and debris were transported to US Ecology in Beatty, Nevada for treatment and disposal. Approximately, 1,640 pounds of scrap metal were collected and transported to A-1 Recycling in Hesperia, California. The removal action is complete and chemicals of potential concerns (COPCs) concentrations are below the SSCLs.

Based upon a site visit on February 22, 2006, and the review of the Report, DTSC concurs with the findings and the recommendation for no further action for sites FTIR-38 and FTIR-40. If you have any questions, please contact Ms. Manju Chakrabarti at (714) 484-5345.

Sincerely,

Shelia Lowe, Unit Chief

Office of Military Facilities, Unit 'B' Southern California Operations Branch

cc: Mr. Guy Romine

Army Environmental Center SDIM-AEC-CDS

19932 SE Foster Road Boring, Oregon 97009

Mr. Mohammed Bari, Chief Environmental Division Commander NTC & Fort Irwin Directorate of Public Works P.O.Box 105097 Attn: AFZ-PW-EV, Building 385 Fort Irwin, California 92310-5097

Ms. Sophie Ngu U.S. Army Corps of Engineers 1325 J Street 12th Floor Sacramento, California 95814-2922

Mr. Jehiel Cass California Regional Water Quality Control Board Region 6, Mojave Watershed 14440 Civic Drive, Suite 200 Victorville, California 92392

Ms. Justine Dishart April 25, 2006 Page 3

bcc: David Murchisson

Cypress Office

Riz A. Sarmiento, Ph.D Glendale Office

		·
		*